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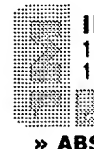
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WebGroup: a secure group access control tool for th World-Wide Web

Petitcolas, F.A.P.   Kan Zhang
Comput. Lab., Cambridge Univ., UK ;
This paper appears in: **Enabling Technologies: Infrastructure for Collabo Enterprises, 1998. (WET ICE '98) Proceedings., Seventh IEEE Internat Workshops on**

Abstract:
The **authors** present an integrated secure group access control tool to suppor workgroups on the World-Wide Web. The system enables user **authenticatio** encrypted communication and fine-grained group access control. The tool com **proxies**: one running on the server side and the other one on the client side. the browser sends a query to the client side proxy which contacts the server s for **authentication**, session **key** exchange and checking of access rights. The proxy finally forwards the request to the HTTP server. The tool is completely t to the user and compatible with any Web server and browser. It can also beco a firewall configuration

Index Terms:
Internet   authorisation   client-server systems   cryptography   message authentication   server   Web browser   Web server   WebGroup   World-Wide Web   access rights check   browser   client side proxy   encrypted communication   fine-grained group access contro   configuration   integrated secure group access control tool   query   server side proxy   se   exchange   support workgroups   user authentication

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